

TRIBUTE TO MARY C. RUSSO

HON. THELMA D. DRAKE

OF VIRGINIA

IN THE HOUSE OF REPRESENTATIVES

Wednesday, September 24, 2008

Mrs. DRAKE. Madam Speaker, I rise to recognize the outstanding achievements of Mary C. Russo. Acknowledged by the Virginia Beach City Council, Ms. Russo's great volunteer work, dedication, and leadership proved her a strong recipient for this recognition.

Mrs. Russo is a devoted, tireless volunteer who has dedicated more than 30 years of service to the Virginia Beach area. In 1978, Mrs. Russo was appointed the first Coordinator of the Virginia Beach City Council's Volunteer Council. Serving in the capacity of Director of Volunteers, she has contributed more than 10,900 hours of service. Additionally, Mrs. Russo has been honored by numerous appointments to a variety of national, State, and local boards, commissions, and agencies.

Through Mrs. Russo's work, the Volunteer Council has grown to over 25,000 volunteers who have collectively recorded over 1.1 million hours of work, valued at nearly 15 million dollars. The program has been so successful that the city of Miyazaki, Japan has sent staff and citizen delegations to train under Mrs. Russo.

With this award, Mrs. Russo has joined an elite group of citizens who have greatly impacted the United States. I am certain that her incredible accomplishments, dedication to our country and evident leadership talents will continue to speak highly of her, as they do now.

EARMARK DECLARATION

HON. VERN BUCHANAN

OF FLORIDA

IN THE HOUSE OF REPRESENTATIVES

Wednesday, September 24, 2008

Mr. BUCHANAN. Madam Speaker, pursuant to the Republican Leadership standards on earmarks, I am submitting the following information regarding earmarks I received as part of H.R. 2638, the Consolidated Security, Disaster Assistance, and Continuing Appropriations Act, 2009:

Requesting Member: Congressman VERN BUCHANAN.

Bill Number: H.R. 2638.

Account: Emergency Operation Centers (EOC).

Legal Name of Requesting Entity: Sarasota County.

Address of Requesting Entity: 1660 Ringling Boulevard, Sarasota, FL 34236.

Description of Request: I secured \$1,000,000 to help relocate and construct a new Sarasota County Emergency Operations Center. An engineering survey conducted in May 2007 determined that the Sarasota County Administration Building was not designed to withstand the forces of a major hurricane. This building houses the County Emergency Operations Center, 911 Consolidated Communications Center, and the Enterprise Information Technology Data Center. Sarasota County is in the midst of planning and designing a new 50,000 square foot public safety center that is structurally sound and geographically located to ensure that it can provide critical services

and government continuity after the advent of a major storm event. Funding will be used to help relocate and construct a new Sarasota County Emergency Operations Center.

Requesting Member: Congressman VERN BUCHANAN.

Bill Number: H.R. 2638.

Account: (RDT&E, Army, PE 0601004A).

Legal Name of Requesting Entity: New College of Florida.

Address of Requesting Entity: 5800 Bay Shore Road, Sarasota, FL 34243.

Description of Request: I secured \$1,200,000 for the continuation of the Florida Collaborative Development of Advanced Material for Strategic Applications, which will introduce a research project with significant educational components and undergraduate student involvement that will study the physical mechanisms of laser assisted modification of two types of nanoparticles: three dimensional, almost spherical metal nanoparticles embedded in dielectric matrix and highly anisotropic one-dimensional structures confined into carbon nanotubes. The proposed study will utilize various spectroscopic and microscopic techniques to investigate in a coherent systematic manner the possibilities of modifying in a controlled and reproducible way, various structural and electronic properties of these two systems. In addition to the particle size analysis, the study will place special emphasis on the interpretation of the experimental data in terms of the particle shape, metal concentration, in the film after each consecutive step of the modification process. This study will be the first attempt to combine the data obtained from UV-VIS absorption spectroscopy and numerical Mie resonance analysis, with material characterization performed by Rutherford backscattering (RBS), X-ray Diffraction (XRD), Transmission Electron Microscopy (TEM) and Atomic Force Microscopy (AFM), and relate them to their optical non-linear properties studied by Z-scan measurements. The second part of the project will involve laser-assisted manipulation of filled double-walled carbon nanotubes and micro-Raman spectroscopy and TEM characterization of highly anisotropic 1D nanostructures confined into carbon nanotubes.

The results of the proposed investigation will have two-fold significance. First, they will contribute new important information in the area of nanosized particles with the key goal of tailoring their properties. Second, the study will serve as an effective educational tool for teaching undergraduate students how to do "real life" research. The proposed area of research will give students a strong understanding of the fundamentals of physics and technology as an intellectual discipline and provide them the opportunity to work successfully in a diverse group. The research will be carried out primarily at New College of Florida in close collaboration with local scientists; the French National Research Center, Orsay, France; the Max Planck Institute for Microstructure Physics, Halle, Germany; the Central Laboratory of Solar Energy, Bulgarian Academy of Sciences, Sophia, Bulgaria; and the University Paul Sabatier, Toulouse, France.

EARMARK DECLARATION

HON. JEFF FORTENBERRY

OF NEBRASKA

IN THE HOUSE OF REPRESENTATIVES

Wednesday, September 24, 2008

Mr. FORTENBERRY. Madam Speaker, pursuant to the Republican Leadership standards on member requests, I am submitting the following information regarding four (4) member requests I received as part of H.R. 2638, The Consolidated Security, Disaster Assistance, and Continuing Appropriations Act, 2009:

1. Southeast Nebraska Cancer Center Foundation/National Functional Genomics Center: \$1.2 million.

Account: 30 0603002A Medical Advanced Technology.

Address of Requesting Entity: Southeast Nebraska Cancer Center Foundation, 201 South 68th Street Place, Lincoln, NE 68510-2496.

Description: \$1.2 million which will be used to support current genomics-based clinical trials involving the development of molecular signatures at the National Functional Genomics Center (NFGC), concurrently supporting the development of a strong bioinformatics program. These two components are critical to the mission of the NFGC. Each requires large numbers of qualifying patients, and corresponding tissues procurement to advance translational research.

The Southeast Nebraska Cancer Center (SNCC) is comprised of a group of oncologists, health care professionals and informatics personnel who support the advancement of translational research, in conjunction with a desire to offer the best survival opportunities to patients now and in the future. As an affiliate member of the NFGC, SNCC provides clinical support for validation of "molecular signatures" and serves as the first clinical facility to provide patients for trials, and to establish research protocols for distance access to the NFGC.

2. Novel Coating Technologies for Military Equipment: \$4.8 million.

Account: 7 0602234N Materials, Electronics, and Computer Technology.

Address of Requesting Entity: University of Nebraska-Lincoln, 301 Canfield, P.O. Box 880433, Lincoln, NE 68588-0433.

Description: \$4.8 million for the University of Nebraska-Lincoln to further develop novel technologies that will enable high-performance surface coatings to be applied to airplanes, warships, tanks, and other large military equipment on site and in an open atmosphere, avoiding the current high costs in time and money of equipment disassembly and the use of vacuum chambers. Most military equipment, ranging from airplanes to warships and tanks, requires high-performance surface coatings for improved performance and reliability. Because military equipment is commonly used in harsh environments, the surface coatings quickly degrade and require periodic evaluation, repair, and often full replacement. Current coating technologies use chemical and physical vapor deposition, which requires high temperatures, the use of vacuum chambers, and disassembly of large equipment to fit in the vacuum chambers. This project will develop laser-based technologies that will deposit high performance surface coatings on site and in open atmosphere without requiring disassembly and